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PATENT TRADEMARK OFFICE

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF

DOCKET No.: 2765R-01

RICHARD M. LANGE

SERIAL No.: 09/599,709

EXAMINER: M. MEDLEY

FILED: JUNE 22, 2000

GROUP ART UNIT: 1764

TITLE: DISPERSANT-VISCOSITY IMPROVERS FOR LUBRICATING OIL COMPOSITIONS

Wickliffe, Ohio  
Dated: September 23, 2002

Hon. Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

**RESPONSE TO ELECTION OF SPECIES REQUIREMENT**

In response to the election of species requirement dated September 5, 2002, applicants elect the following:

With respect to the hydrocarbon component of "a", polymers of alpha olefins containing from 2 to about 28 carbon atoms is elected as set forth in Claim 3 item (3), more specifically the ethylene propylene copolymer in Claim 10.

With respect to the acid derivative of "a", maleic anhydride is elected as set forth in Claim 18.

With respect to the hydroxy-containing material (b-i) of (b-1), tris-(hydroxymethyl)aminomethane is elected as set forth in Claim 24.

With respect to the specific amine (b-ii) of (b-1), ethylene polyamine bottoms is elected as set forth in Claim 26

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With respect to selection to the nonacylated amine of (b-1) versus the acylated amine of (b-2), the acylated amine of (b-2) is elected. (Including therein the election of the amine and hydroxy compound as set forth above).

With respect to acylating agent used in option (b-2) the hydrocarbyl substituted succinic anhydride of Claim 31 is elected.

With respect to specific pour point depressant, polyacrylates is elected as set forth in Claim 38.

It is believed that the following Claims are generic to the elected species: 1-3, 8-11, 13, 16-21, 24, 25-33, 35-44.

Any required fees or any deficiency or overpayment in fees should be charged or credited to deposit account 12-2275 (The Lubrizol Corporation).

Respectfully submitted,



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jsf

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